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(54) FUEL OIL COMPOSITION

(57)Abstract:

PROBLEM TO BE SOLVED: To improve the lubricity of a low-sulfur middle distillate oil capable of meeting environmental regulations and obtain a fuel oil compsn. which reduces the abrasion of a fuel oil lubricating part of a diesel engine by incorporating a fatty acid mixture contg. specific unsatd. fatty acids into a middle distillate oil having specified sulfur content and arom. content.

SOLUTION: A fuel oil compsn. is prepd. by incorporating 0.001-0.5 wt.% (based on ingredient A described below) 8-30C fatty acid mixture (B) contg. at least 75 wt.% unsatd. fatty acid mixture comprising an unsatd. fatty acid (B1) having a double bond in the molecule and an unsatd. fatty acid (B2) having two double bonds in the molecule in a wt. ratio (B1:B2) of (1:3)-(15:1) into a middle distillate oil (A) having a sulfur content of 0.2 wt.% or lower and an arom. content of 40 wt. % or lower. When this compsn. contains a low-temp. flowability improver usually added to a fuel oil, the lubricity of this compsn. can be improved without hindering the effect of the improver.